

# MSDS Document

## Product BOSS® 575 Biodegradable Alkaline Condenser Coil Cleaner

### 1. Chemical Product and Company Identification

**Trade Name of this Product** BOSS® 575 Biodegradable Alkaline Condenser Coil Cleaner

**Synonyms:** 02393BL07

**MSDS ID** BOSS575

**Manufacturer**

Accumetric, LLC

350 Ring Road

Elizabethtown, KY 42701

**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 2/22/2007

Health:	2
Fire:	0
Reactivity:	0
Specific	ALK

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Sodium Hydroxide, solution	Proprietary	Proprietary %			

### 3. Hazard Identification

**Symptoms of Exposure**

Irritated eyes, skin, mucous membranes. If vapors are inhaled, could cause respiratory pain.

**Existing Conditions Aggravated by Exposure**

No known applicable information.

**Note**

The above listed potential effects are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for detailed toxicology information.

### 4. First Aid Information

**Eye Contact**

Immediately flush with water for 30 minutes.

**Skin Contact**

Wash affected area thoroughly with soap and water. Remove contaminated clothing and laundry before re-use. Get medical attention if irritation develops.

**Inhalation**

Remove patient to fresh air. Administer oxygen if breathing is difficult. Get medical attention if symptoms persist.

**Ingestion**

DO NOT INDUCE VOMITING. Seek immediate medical attention.

**5. Fire Fighting Measures**

**Flash Point** None

**Auto-ignition Temperature**

Not determined

**Upper Explosive Limit**

Not determined

**Lower Explosive Limit**

Not determined

**Extinguishing Media**

Carbon Dioxide, Dry Chemical, Foam, Water Spray

**Special Fire Fighting Procedures**

Not considered a primary fire hazard. With all chemical fires, use self-contained breathing apparatus.

**Unusual Fire or Explosion Hazards**

None known

**6. Accidental Release Measures****Steps to be taken in case of spill or release**

Contain spills with appropriate material to prevent entry into waterway or sewer. Wear all protective clothing as recommended in Section 8. Contain spill with absorbents and diking.

**7. Handling and Storage****Handling**

Wash hands after use. Use with adequate ventilation. Alkaline material - Protect skin as much as possible.

**Storage**

Do not allow to freeze. Keep containers closed.

### **Precautions for Repair & Maintenance of Contaminated Equipment**

Store between 34 - 120F.

## **8. Exposure Controls and Personal Protection**

### **OSHA Permissible Exposure Limit**

None established

### **ACGIH Threshold Limit Value**

None established

### **Eye Protection**

Use safety eye wear including safety glasses with side shields and chemical goggles where splashing may occur.

### **Skin Protection**

If prolonged or repeated skin contact is likely, impervious gloves should be worn. Good personal hygiene practices should always be followed.

### **Respiratory Protection**

For confined space or vapor/mist operations - NIOSH

### **Ventilation**

General exhaust recommended

### **Other Precautions**

Have emergency shower and eye wash available.

## **9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid
<b>Specific Gravity</b>	1.26
<b>Color/Appearance</b>	Deep blue
<b>pH</b>	13 - 14
<b>Boiling/Cond. Point</b>	212F (Aqueous solution)
<b>Solubility</b>	Complete in water
<b>Vapor Density</b>	Not applicable
<b>Vapor Pressure</b>	> 1 mm Hg

### **Note**

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

## **10. Stability and Reactivity**

### **Chemical Stability**

Stable

### **Hazardous Polymerization**

Will not occur

#### **Hazardous Decomposition Products**

Carbon oxides

#### **Conditions to Avoid**

None known

#### **Materials to Avoid / Incompatibility**

Avoid contact with strong oxidizers and strong acids.

### **11. Toxicological Information**

#### **Carcinogen - IARC Program**

Not listed

#### **Carcinogen - NTP Program**

Not listed

### **12. Ecological Information**

#### **Environmental Fate and Distribution**

Complete information is not yet available.

#### **Environmental Effects**

Complete information is not yet available.

#### **Fate and Effects in Waste Water Treatment Plants**

Complete information is not yet available.

### **13. Disposal Considerations**

#### **Waste Disposal Method**

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

### **14. Transportation Information**

#### **DOT Hazard Classification**

8/UN3266/PGII

## 15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### **TSCA Status**

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### **SARA Title III Section 302 Extremely Hazardous Substances**

None

### **SARA Title III Section 304 CERCLA Hazardous Substances**

Sodium hydroxide (1310-73-2)

### **SARA Title III Section 313 Toxic Chemicals**

None present or none present in regulated quantities.

### **California Proposition 65**

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:

None known

### **New Jersey**

Sodium Hydroxide (1310-73-2)

### **Pennsylvania**

Sodium Hydroxide (1310-73-2)

## 16. Other Information

### **Disclaimer**

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.